

SEQUENCE LISTING

<110> ISTITUTO SUPERIORE DI SANITA'

<120> HIV-1 Tat, or derivatives thereof, alone or in combination, for prophylactic and therapeutic vaccination against AIDS, tumors and related syndromes

<130> 1354PTWO

<140> RM97A000743

<141> 1997-12-01

<160> 34

<170> PatentIn Ver. 2.0

<210> 1

<211> 261

<212> DNA

<213> Aids-associated retrovirus

<400> 1

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aaagccttag gcattccta tggcaggaag aagcggagac agcgacgaag acctcctcaa 180
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ccgacaggcc cgaaggaata g 261

<210> 2

<211> 83

<212> PRT

<213> Aids-associated retrovirus

<400> 2

Glu Pro Val Asp Pro Arg Leu Glu Pro Trp Lys His Pro Gly Ser Gln
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Pro Lys Thr Ala Cys Thr Asn Cys Tyr Cys Lys Lys Cys Cys Phe His
20 25 30

Cys Gln Val Cys Phe Ile Thr Lys Ala Ile Ser Tyr Gly Arg Lys Lys
35 40 45

Arg Arg Gln Arg Arg Arg Pro Pro Gln Gly Ser Gln Thr His Gln Val
50 55 60

Ser Leu Ser Lys Gln Pro Thr Ser Gln Ser Arg Gly Asp Pro Thr Gly
65 70 75 80

Pro Lys Glu

<210> 3

<211> 260

<212> DNA

<213> Aids-associated retrovirus

<400> 3

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Cancelled
per sub-spec.
p. #12

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<210> 4

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<212> DNA

<213> Aids-associated retrovirus

<400> 4

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 aacgccttag gcatctccta tggcaggaag aagcggagac agcgacgaag acctcctcaa 180
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<210> 5

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<212> DNA

<213> Aids-associated retrovirus

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 aaagccttag gcatctccta tggcaggaag aagcggagac agcgacgaag acctcctcaa 180
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<211> 252

<212> DNA

<213> Aids-associated retrovirus

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 aacgccttag gcatctccta tggcaggaag aagcggagac agcgacgaag acctcctcaa 180
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<210> 7

<211> 86

<212> PRT

<213> Aids-associated retrovirus

<400> 7

Met Glu Pro Val Asp Pro Arg Leu Glu Pro Trp Lys His Pro Gly Ser
 1 5 10 15

Gln Pro Lys Thr Ala Gly Thr Asn Cys Tyr Cys Lys Lys Cys Cys Phe
 20 25 30

His Cys Gln Val Cys Phe Ile Thr Lys Ala Leu Gly Ile Ser Tyr Gly
 35 40 45

Arg Lys Lys Arg Arg Gln Arg Arg Pro Pro Gln Gly Ser Gln Thr
 50 55 60

His Gln Val Ser Leu Ser Lys Gln Pro Thr Ser Gln Ser Arg Gly Asp
 65 70 75 80

Pro Thr Gly Pro Lys Glu

0055554-073100

85

<210> 8

<211> 86

<212> PRT

<213> Aids-associated retrovirus

<400> 8

Met Glu Pro Val Asp Pro Arg Leu Glu Pro Trp Lys His Pro Gly Ser

1 5 10 15

Gln Pro Lys Thr Ala Cys Thr Asn Cys Tyr Cys Lys Lys Cys Cys Phe

20 25 30

His Cys Gln Val Cys Phe Ile Thr Thr Ala Leu Gly Ile Ser Tyr Gly

35 40 45

Arg Lys Lys Arg Arg Gln Arg Arg Arg Pro Pro Gln Gly Ser Gln Thr

50 55 60

His Gln Val Ser Leu Ser Lys Gln Pro Thr Ser Gln Ser Arg Gly Asp

65 70 75 80

Pro Thr Gly Pro Lys Glu

85

<210> 9

<211> 83

<212> PRT

<213> Aids-associated retrovirus

<400> 9

Met Glu Pro Val Asp Pro Arg Leu Glu Pro Trp Lys His Pro Gly Ser

1 5 10 15

Gln Pro Lys Thr Ala Cys Thr Asn Cys Tyr Cys Lys Lys Cys Cys Phe

20 25 30

His Cys Gln Val Cys Phe Ile Thr Lys Ala Leu Gly Ile Ser Tyr Gly

35 40 45

Arg Lys Lys Arg Arg Gln Arg Arg Arg Pro Pro Gln Gly Ser Gln Thr

50 55 60

His Gln Val Ser Leu Ser Lys Gln Pro Thr Ser Gln Ser Pro Thr Gly

65 70 75 80

Pro Lys Glu

<210> 10

<211> 83

<212> PRT

<213> Aids-associated retrovirus

<400> 10

Met Glu Pro Val Asp Pro Arg Leu Glu Pro Trp Lys His Pro Gly Ser

1 5 10 15

005534-073100

Ser Tyr Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg Pro Pro Gln
1 5 10 15

<210> 15

<211> 16

<212> PRT

<213> Aids-associated retrovirus

<400> 15

Arg Pro Pro Gln Gly Ser Gln Thr His Gln Val Ser Leu Ser Lys Gln

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<210> 16

<211> 16

<212> PRT

<213> Aids-associated retrovirus

<400> 16

His Gln Val Ser Leu Ser Lys Gln Pro Thr Ser Gln Ser Arg Gly Asp

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15

<210> 17

<211> 14

<212> PRT

<213> Aids-associated retrovirus

<400> 17

Pro Thr Ser Gln Ser Arg Gly Asp Pro Thr Gly Pro Lys Gln

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<210> 18

<211> 15

<212> DNA

<213> Aids-associated retrovirus

<400> 18

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<210> 19

<211> 15

<212> DNA

<213> Aids-associated retrovirus

<400> 19

ctattcttta gtcc

15

<210> 20

<211> 15

<212> DNA

<213> Aids-associated retrovirus

<400> 20

atgggtggca agtgg

15

<210> 21

<211> 15

<212> DNA

<213> Aids-associated retrovirus

<400> 21

tcagcagtcc ttga

15

001E20"4E99560

<400> 29

ctattccttc gggcc

15

<210> 30

<211> 27

<212> DNA

<213> Aids-associated retrovirus

<400> 30

ggcccgaagg aaatggcagg aagaagc

27

<210> 31

<211> 27

<212> DNA

<213> Aids-associated retrovirus

<400> 31

ggcccgaagg aaatgggtgg caagtgg

27

<210> 32

<211> 27

<212> DNA

<213> Aids-associated retrovirus

<400> 32

ggcccgaagg aaatgggtgc gagagcg

27

<210> 33

<211> 27

<212> DNA

<213> Aids-associated retrovirus

<400> 33

ggcccgaagg aaatgtggcc ccctggg

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<210> 34

<211> 27

<212> DNA

<213> Aids-associated retrovirus

<400> 34

ggcccgaagg aaatgagaat ttcgaaa

27

001220-1235560